

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112525.D
 Acq On : 12 Feb 2019 23:48
 Operator : JU/SJ
 Sample : K1343-17 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-I

Quant Time: Feb 13 03:42:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

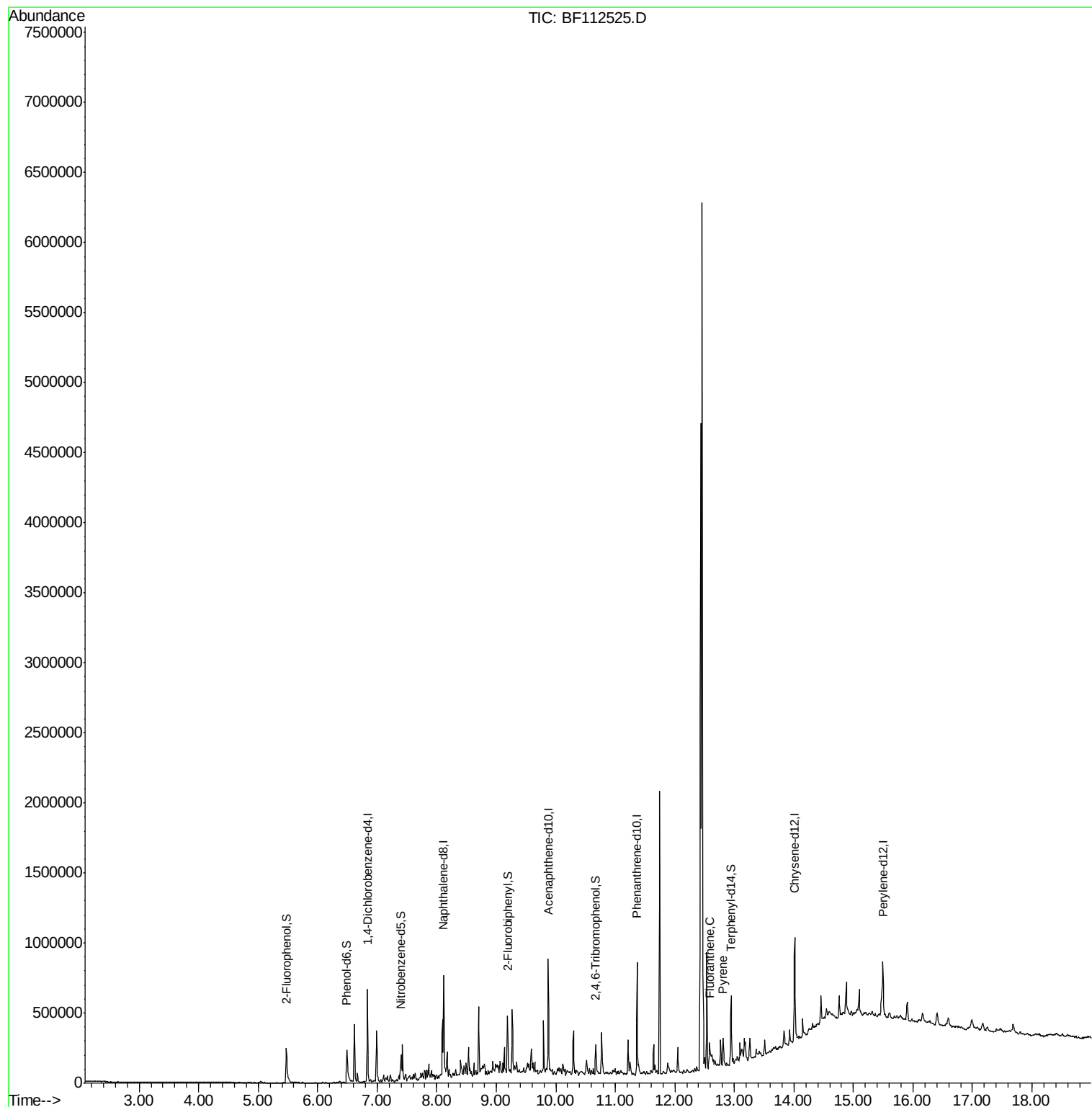
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105312	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	368969	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	153244	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	282792	20.00	ng	0.00
76) Chrysene-d12	14.02	240	248556	20.00	ng	0.00
87) Perylene-d12	15.50	264	186032	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	112207	22.63	ng	0.00
7) Phenol-d6	6.49	99	142493	20.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	72975	11.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	31087	17.43	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	142490	13.15	ng	-0.01
79) Terphenyl-d14	12.94	244	149986	11.37	ng	0.00
Target Compounds						
75) Fluoranthene	12.59	202	36277	2.301	ng	99
78) Pyrene	12.82	202	36728	2.134	ng	96

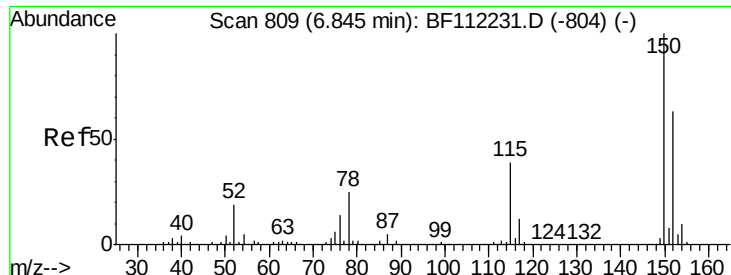
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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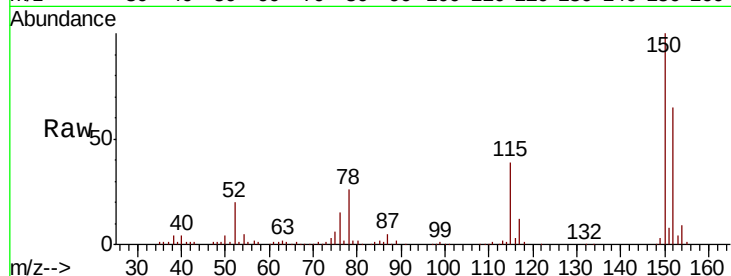


#1

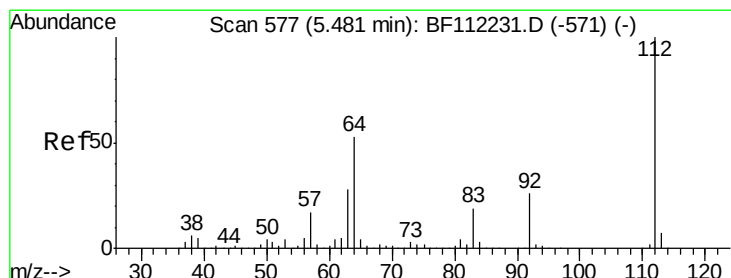
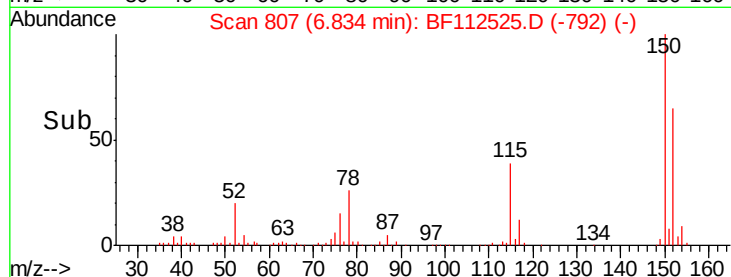
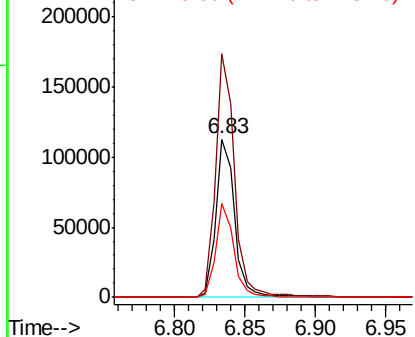
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tot Ion:152 Resp: 105312
Ion Ratio Lower Upper
152 100
150 153.9 127.4 191.0
115 59.4 45.5 68.3



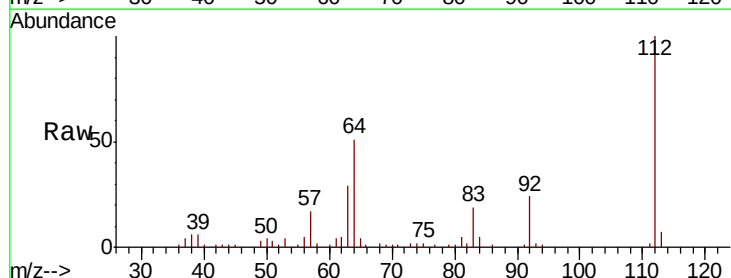
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



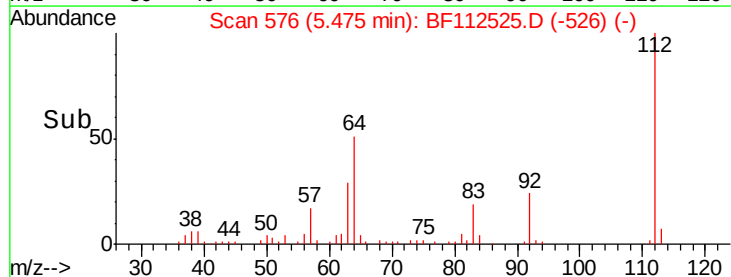
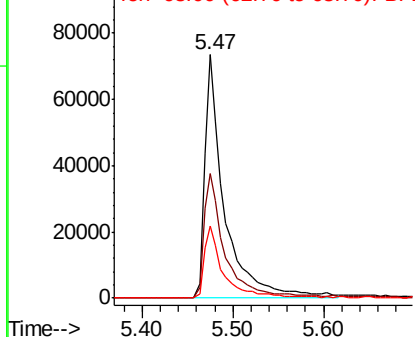
#5

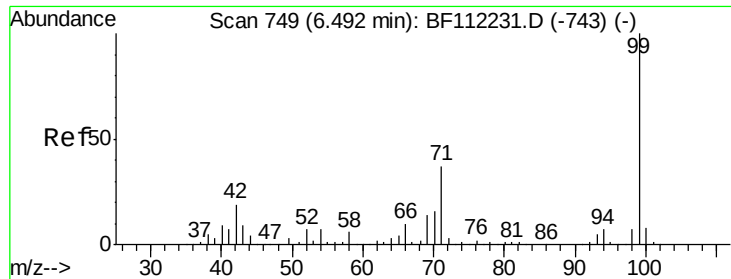
2-Fluorophenol
Concen: 22.631 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:112 Resp: 112207
Ion Ratio Lower Upper
112 100
64 51.0 45.7 68.5
63 29.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 20.683 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112525.D

Acq: 12 Feb 2019 23:48

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-I

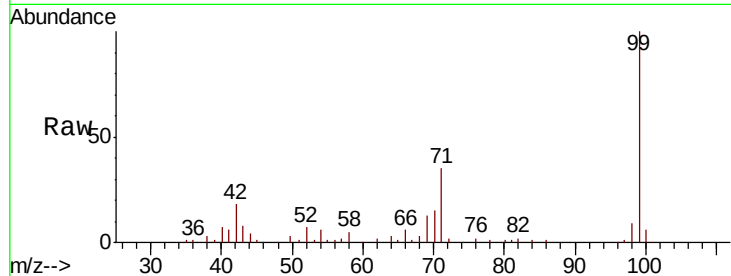
Tot Ion: 99 Resp: 142493

Ion Ratio Lower Upper

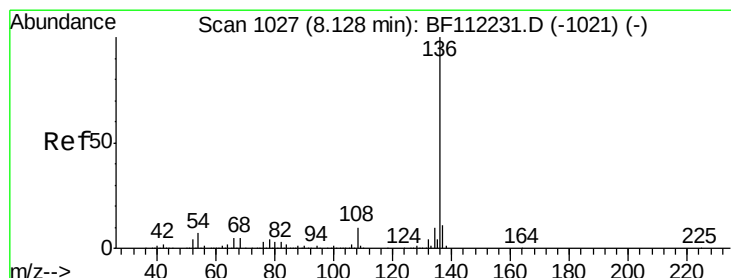
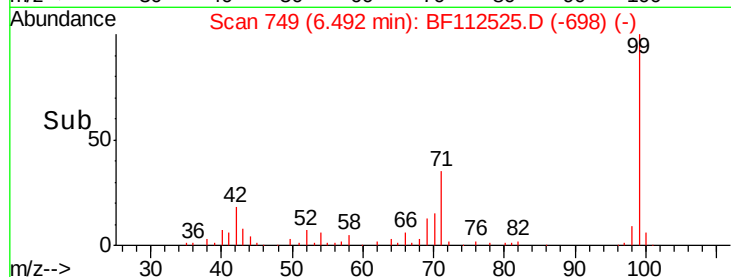
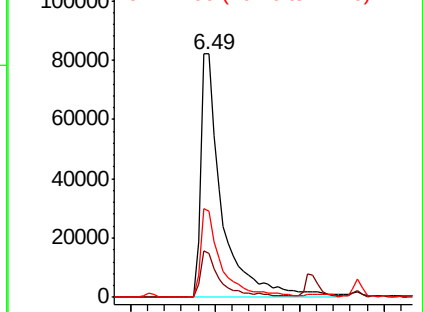
99 100

42 18.3 15.1 22.7

71 35.2 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112525.D

Acq: 12 Feb 2019 23:48

Tgt Ion: 136 Resp: 368969

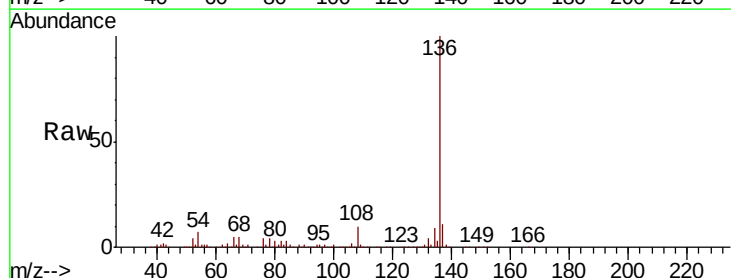
Ion Ratio Lower Upper

136 100

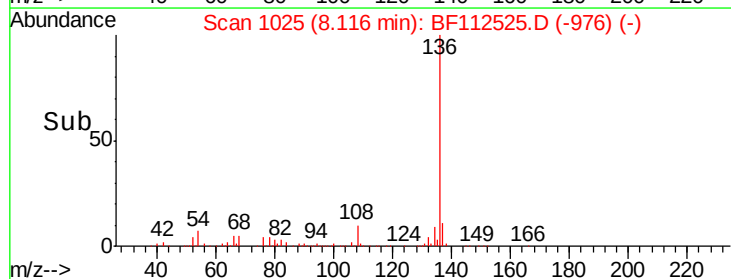
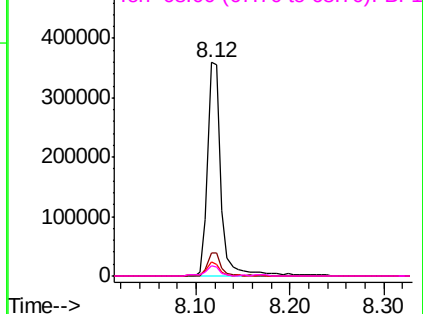
137 10.9 9.1 13.7

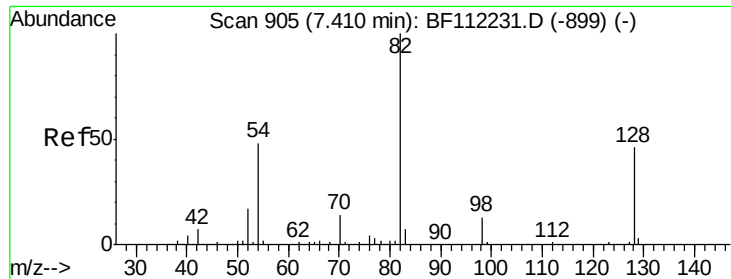
54 6.7 5.9 8.9

68 4.7 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

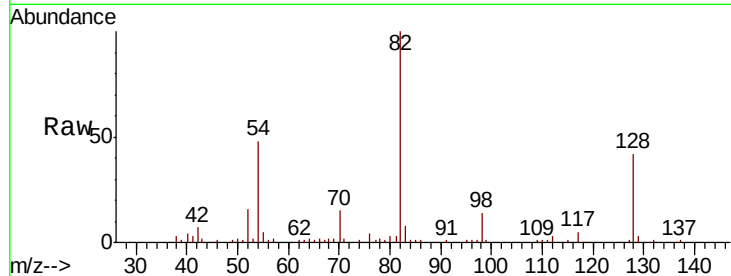




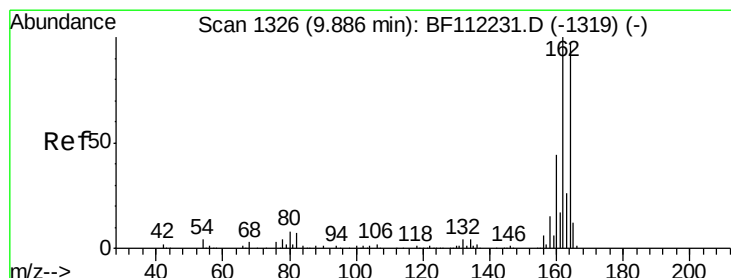
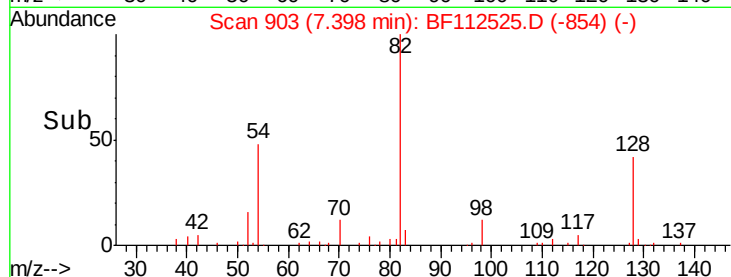
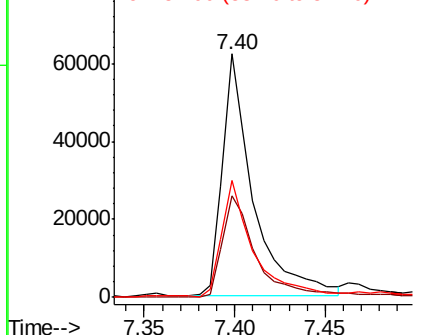
#23
Nitrobenzene-d5
Concen: 11.396 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tot Ion	82	Resp	72975
Ion Ratio	100	Lower	Upper
128	41.9	37.8	56.8
54	47.9	39.7	59.5

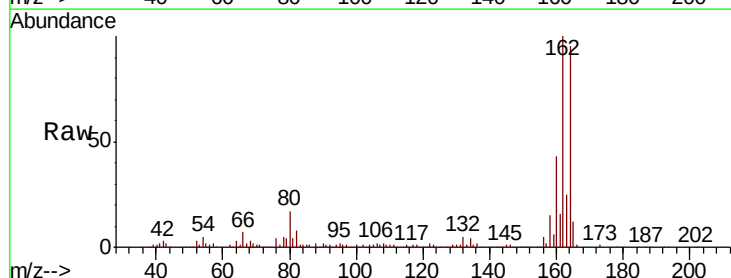


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

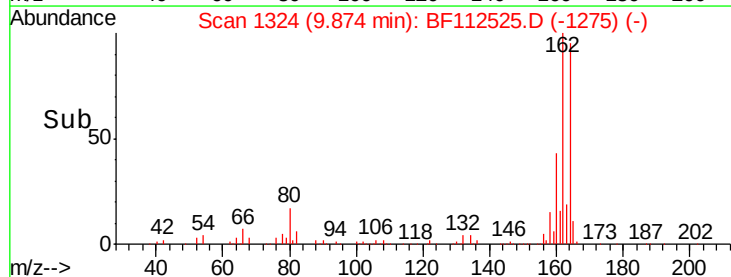
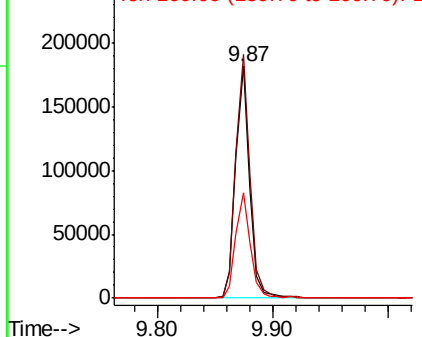


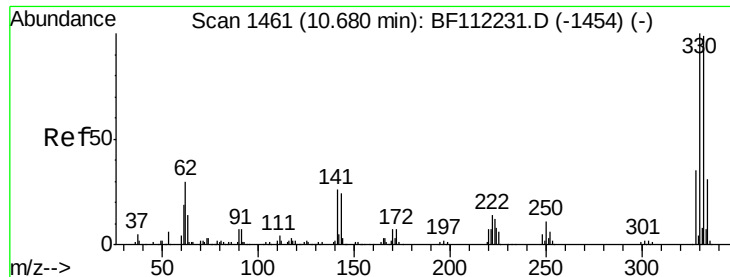
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion	164	Resp	153244
Ion Ratio	100	Lower	Upper
162	105.0	82.2	123.4
160	45.6	36.2	54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 17.428 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112525.D

Acq: 12 Feb 2019 23:48

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-I

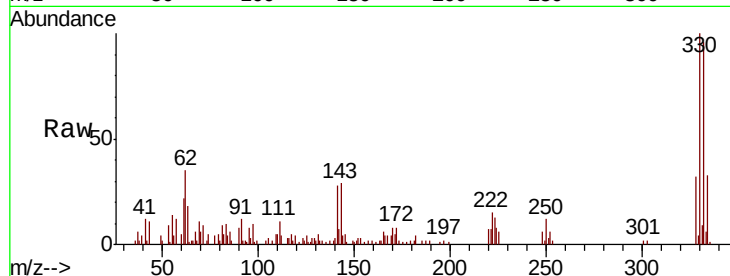
Tot Ion:330 Resp: 31087

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

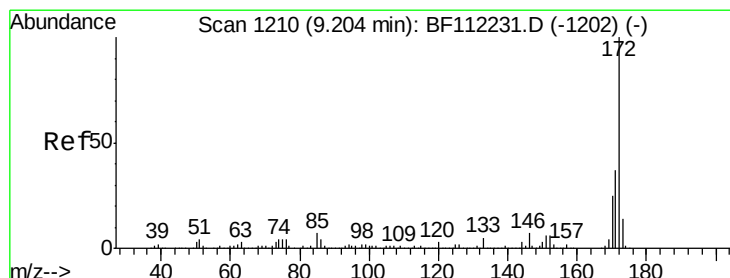
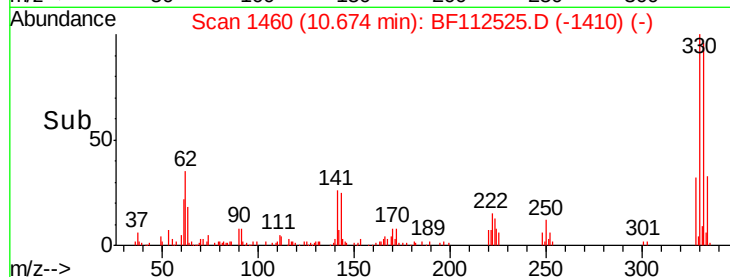
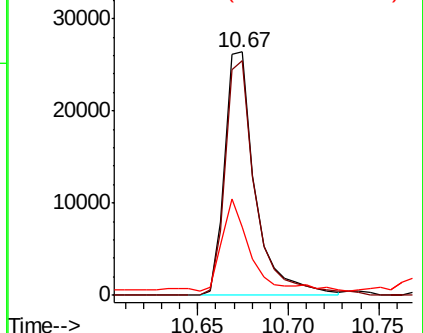
141 35.0 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 13.151 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112525.D

Acq: 12 Feb 2019 23:48

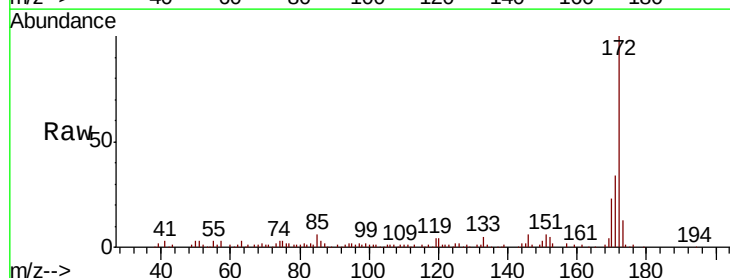
Tgt Ion:172 Resp: 142490

Ion Ratio Lower Upper

172 100

171 34.2 30.5 45.7

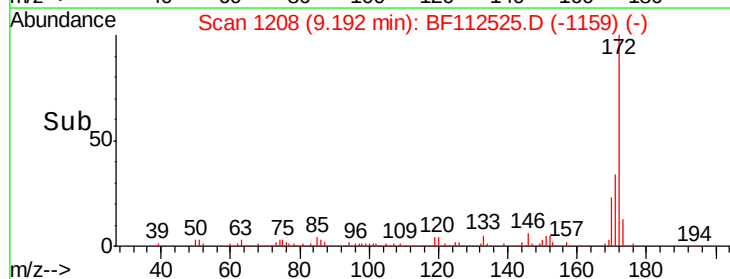
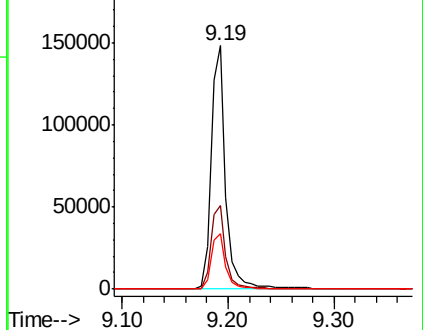
170 22.9 20.2 30.4

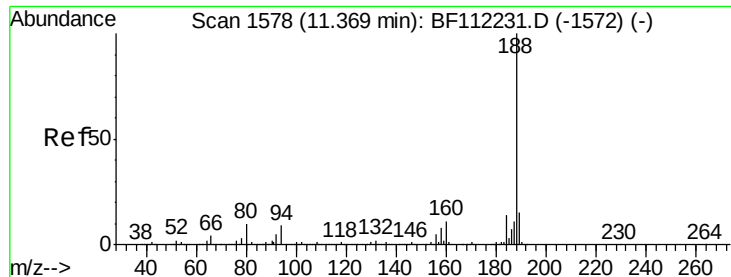


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112525.D

Acq: 12 Feb 2019 23:48

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-I

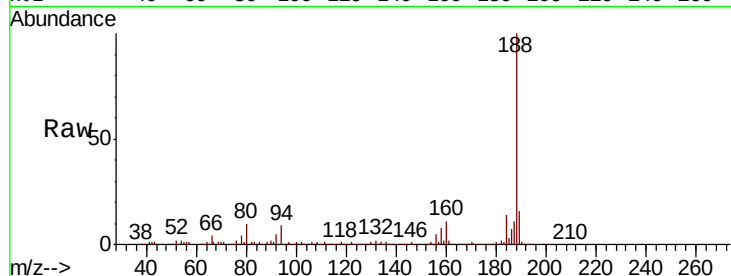
Tot Ion:188 Resp: 282792

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

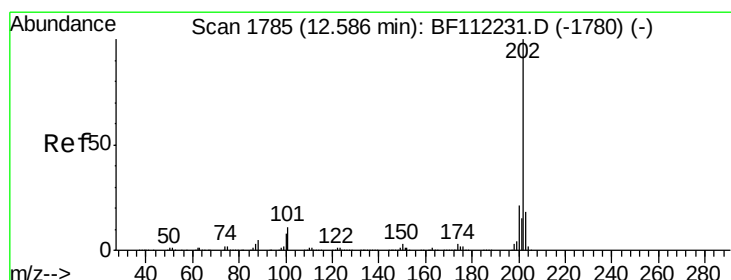
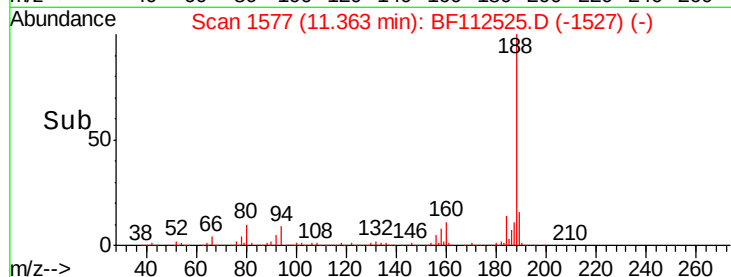
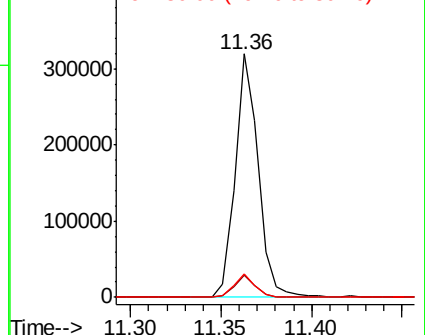
80 9.6 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 2.301 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112525.D

Acq: 12 Feb 2019 23:48

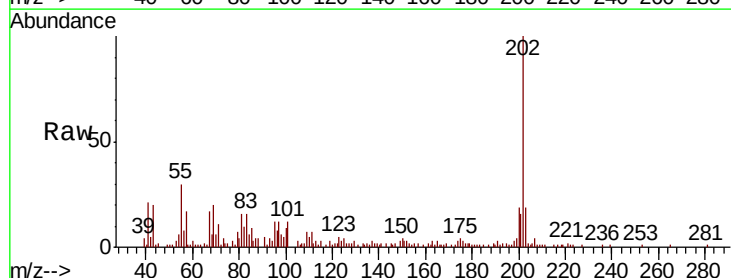
Tgt Ion:202 Resp: 36277

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.8

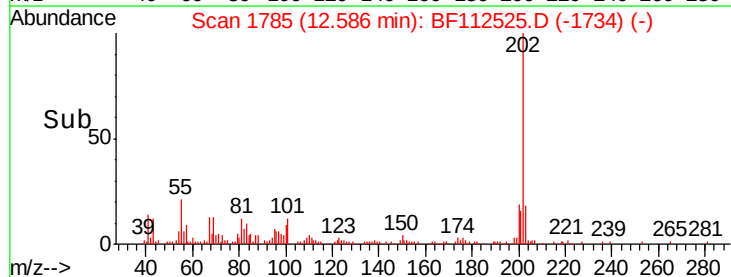
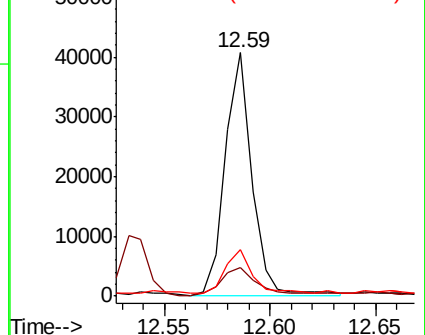
203 18.9 0.0 38.4

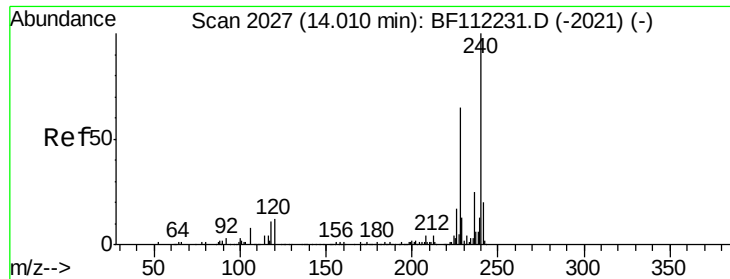


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

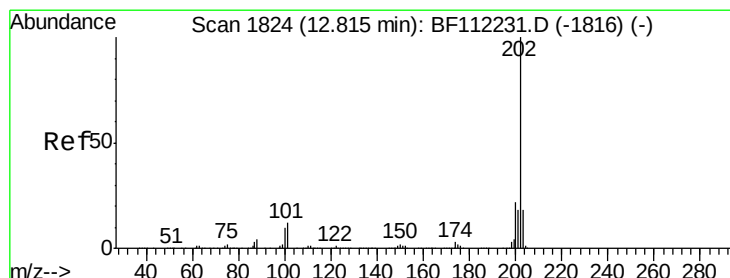
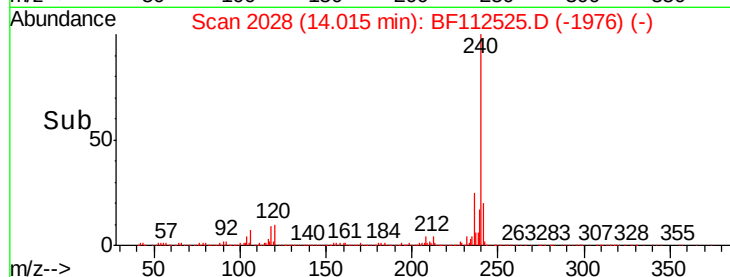
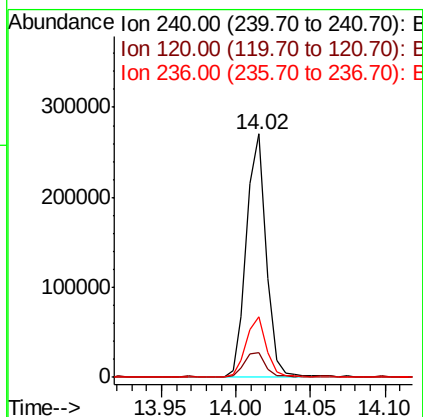
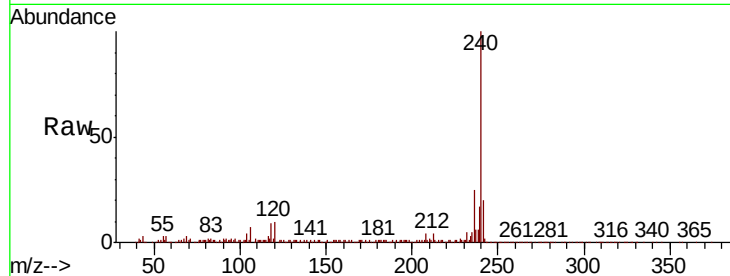




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

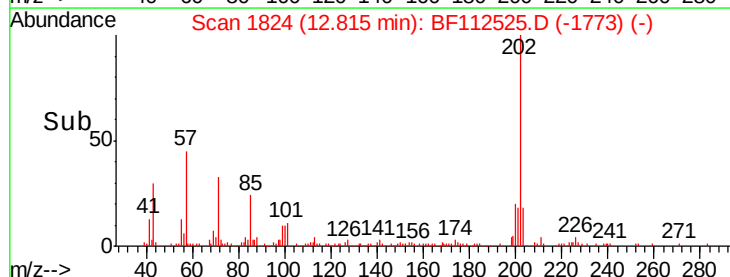
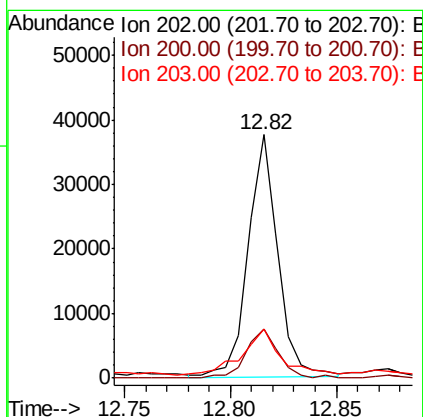
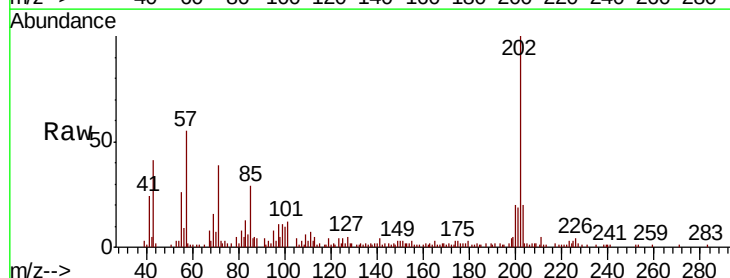
Instrument :
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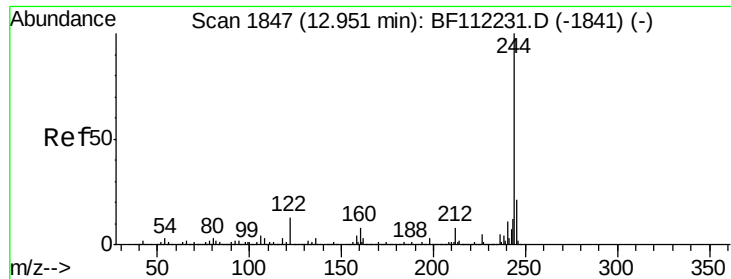
Tot Ion:240 Resp: 248556
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 24.9 20.7 31.1



#78
Pyrene
Concen: 2.134 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112525.D
Acq: 12 Feb 2019 23:48

Tgt Ion:202 Resp: 36728
Ion Ratio Lower Upper
202 100
200 19.9 17.7 26.5
203 20.0 14.6 22.0

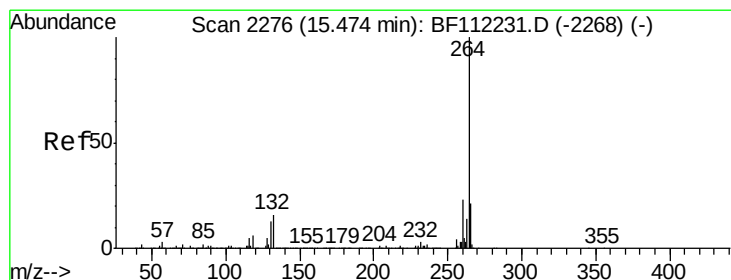
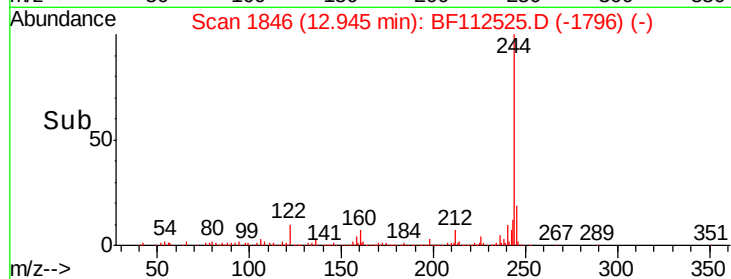
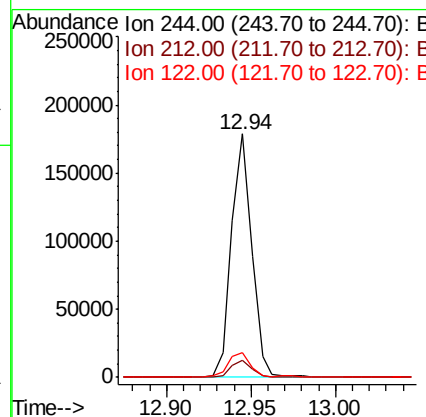
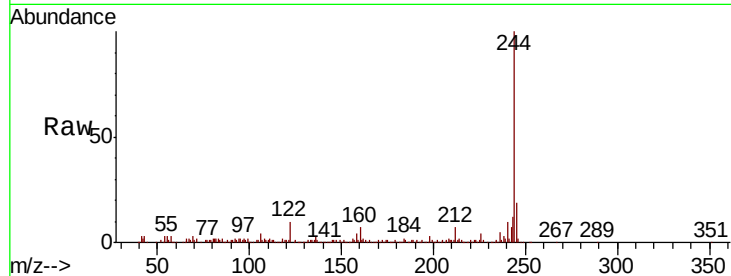




#79
 Terphenyl-d14
 Concen: 11.365 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112525.D
 Acq: 12 Feb 2019 23:48

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-I

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.3	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF112525.D
 Acq: 12 Feb 2019 23:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	21.8	17.0	25.4

